

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions of claims in the application.

LISTING OF THE CLAIMS:

Claim 1 (Currently Amended): A beam source comprising:

a plasma generating chamber;

a first electrode disposed in said plasma generating chamber;

an antenna disposed in said plasma generating chamber so as to face said first electrode
for generating plasma in said plasma generating chamber;

a second electrode disposed in said plasma generating chamber so as to face said first
electrode; and

a power supply for applying a voltage between said first electrode and said second
electrode to extract ions from the plasma generated by said antenna.

Claim 2 (Cancelled).

Claim 3 (Original): The beam source as recited in claim 1, wherein said antenna has a
spiral shape, wherein said second electrode has a spiral shape positioned between adjacent spiral
lines of said spiral shape of said antenna.

Claim 4 (Original): The beam source as recited in claim 1, wherein said antenna

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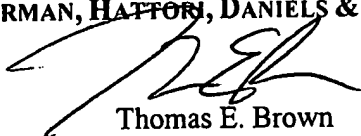
In view of the aforementioned amendments and accompanying remarks, Applicants submit that the claims, as herein amended, are in condition for allowance. Applicants request such action at an early date.

If the Examiner believes that this application is not now in condition for allowance, the Examiner is requested to contact Applicants' undersigned attorney to arrange for an interview to expedite the disposition of this case.

If this paper is not timely filed, Applicants respectfully petition for an appropriate extension of time. The fees for such an extension or any other fees that may be due with respect to this paper may be charged to Deposit Account No. 50-2866.

Respectfully submitted,

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